DT02 Rec'd PCT/PTO 16 JUL 2004

FORM PTO 1390 (REV 10-2003) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		2830-0175PUS1
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/501521
INTERNATIONAL APPLICATION NO. PCT/JP03/00453	INTERNATIONAL FILING DATE 21 January 2003	PRIORITY DATE CLAIMED 13 February 2002

TITLE OF INVENTION EXPANDER

APPLICANT(S) FOR DO/EO/US Hiroyuki MAKINO and Makoto UDA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. [] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing 35 U.S.C. 371.
3. [] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [x] The US has been elected (Article 31).
5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 a. [x] is attached hereto (required only if not communicated by the International Bureau).
 b. [] has been communicated by the International Bureau.
 c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [x] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 a. [x] is attached hereto.
 b. [] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 a. [] are attached hereto (required only if not communicated by the International Bureau).
 b. [] have been communicated by the International Bureau.
 c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 d. [x] have not been made and will not be made.
8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. [] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [] A preliminary amendment.
14. [x] An Application Data Sheet under 37 CFR 1.76.
15. [] A substitute specification.
16. [] A power of attorney and/or change of address letter.
17. [] A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821 - 1.825.
18. [] A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. [x] Other items or information: PCT/ISA/210; Eleven (11) sheets of Formal Drawings

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10/501521 NEW	PCT/JP03/00453	2830-0175PUS1

21. [x] The following fees are submitted:

CALCULATIONS PTO USE ONLY

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)):

[]	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO	$1080.00
[x]	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO	$920.00
[]	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO	$770.00
[]	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)	$730.00
[]	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)	$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =	$	920.00
Surcharge of **$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).	$	130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	4-20 =	0	x	$	0.00
Independent claims	1-3 =	0	x	$	0.00
MULTIPLE DEPENDENT CLAIM(s) (if applicable)	yes		290.00	$	290.00
TOTAL OF ABOVE CALCULATIONS =				$	1,340.00
[] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				$	
SUBTOTAL =				$	1,340.00
Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				$	
TOTAL NATIONAL FEE =				$	1,340.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property +				$	
TOTAL FEES ENCLOSED =				$	1,340.00
				Amount to be refunded:	$
				charged:	$

a. [x] A check in the amount of $ 1,340.00 to cover the above fees is enclosed.

b. [] Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.

d. [] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE:

James M. Slattery

NAME

28,380

REGISTRATION NUMBER

CUSTOMER NUMBER: 02292

KM/nl